

OFFICIAL COMMUNICATION**RECEIVED
CENTRAL FAX CENTER****JUL 19 2006****Certificate of Transmission under 37 CFR 1.8**

I hereby certify that the following documents are being facsimile transmitted to the Patent and Trademark Office for the patent application identified below:

Examiner: Kenneth R. Horlick, PhD

Art Unit: 1637

Fax No.: 571-273-8300

USPN: 10/676,334

Filed: 09/30/2003

Inventor(s): Seth R. Stern

Title: Microfluidic Devices and Methods for
Performing Temperature Mediated
Reactions

Document(s): Transmittal (1 pg)

Response (8 pgs)

Total Pages, (incl.
Certificate): 10

Faxed on: Wednesday, July 19, 2006

Debra B. Burns
Signature

Debra B. Burns

Typed or printed name of person signing Certificate

JUL 19 2006

PTO/SB/21 (08-03)

Approved for use through 08/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/678,334	
	Filing Date	08/30/2003	
	First Named Inventor	Salh R. Stern	
	Art Unit	1837	
	Examiner Name	Kenneth R. Horlick, PhD	
Total Number of Pages in This Submission	9	Attorney Docket Number	100/1111

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply - 8 pgs <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Please charge Deposit Account No. 03-0177 for any additional fees associated with this paper or during pendency of this application		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Ann C. Petersen
Signature	<i>Ann C. Petersen</i>
Date	07/19/06

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Debra B. Burns		
Signature	<i>Debra B. Burns</i>	Date	07/19/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**RECEIVED
CENTRAL FAX CENTER****JUL 19 2006****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/676,334 Confirmation No.: 6522
Applicant(s) : Seth R. Stern
Filing Date : 09/30/2003
TC/A.U. : 1637
Examiner : Kenneth R. Horlick, PhD

Docket No. : 100/11111
Customer No. : 021569
Title : Microfluidic Devices and Methods for
Performing Temperature Mediated Reactions

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action mailed April 19, 2006, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.